LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041819\
Data File : VF062208.D
Acq On : 18 Apr 2019 16:42
Operator : FY/SY
Sample : K2407-02
Misc : 5.98g/5mL/MSVOA F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : TP-11-S2

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.200	56	68	69	rBV3	30046	130894	36.09%	4.376%
2	2.767	225	227	231	rVB2	12790	17175	4.74%	0.574%
3	2.954	244	246	248	rBV3	3469	5580	1.54%	0.187%
4	3.427	292	294	295	rBV2	3053	3769	1.04%	0.126%
5	3.585	307	310	315	rVB7	2983	7891	2.18%	0.264%
6	3.674	318	319	322	rBV3	2313	4667	1.29%	0.156%
7	3.851	333	337	339	rVB5	3504	5945	1.64%	0.199%
8	4.048	355	357	359	rVB3	2724	4558	1.26%	0.152%
9	4.196	366	372	377	rBV5	4414	17922	4.94%	0.599%
10	4.315	377	384	391	rVB	50621	156440	43.14%	5.230%
11	4.492	400	402	405	rBV4	3068	7789	2.15%	0.260%
12	4.531	405	406	411	rVB5	3069	3714	1.02%	0.124%
13	4.669	414	420	422	rBV7	3176	8261	2.28%	0.276%
14	4.748	426	428	431	rVB4	4876	8448	2.33%	0.282%
15	4.807	431	434	435	rBV3	5281	7823	2.16%	0.262%
16	4.847	436	438	443	rVB6	3289	5561	1.53%	0.186%
17	5.054	452	459	466	rVV3	106589	362659	100.00%	12.123%
18	5.527	506	507	512	rVB5	3263	6040	1.67%	0.202%
19	5.606	512	515	516	rBV3	2529	4187	1.15%	0.140%
20	5.655	516	520	521	rVV4	5111	7427	2.05%	0.248%
21	5.773	527	532	539	rVV	105024	275845	76.06%	9.221%
22	5.872	539	542	545	rVV5	3962	8500	2.34%	0.284%
23	6.079	559	563	565	rVB5	2295	4069	1.12%	0.136%
24	6.158	568	571	572	rBV3	2333	3847	1.06%	0.129%
25	6.316	582	587	590	rBV6	1804	5093	1.40%	0.170%
26	6.434	597	599	602	rVV4	2671	5491	1.51%	0.184%
27	6.552	609	611	612	rVV	3213	4348	1.20%	0.145%
28	6.601	612	616	618	rVV5	2290	6009	1.66%	0.201%
29	7.114	662	668	672	rBV8	4540	12974	3.58%	0.434%
30	7.232	679	680	683	rVB3	4239	4240	1.17%	0.142%
31	7.321	686	689	691	rVV4	2383	5349	1.47%	0.179%
32	7.390	691	696	699	rVV5	3378	5825	1.61%	0.195%
33	7.617	713	719	720	rBV6	1641	3708	1.02%	0.124%
34	7.715	723	729	733	rBV	137568	329719	90.92%	11.022%

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Integration Parameters: RTEINT.P
Integrator: RTE
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Title : SW846 8260

35	7.784	733	736	741	rVB	24462	55728	15.37%	1.863%
36	7.912	748	749	753	rVB4	3404	6204	1.71%	0.207%
37	7.972	753	755	758	rBV4	2503	5719	1.58%	0.191%
38	8.050	762	763	767	rBV4	2301	4112	1.13%	0.137%
39	8.248	782	783	786	rBV3	3057	5173	1.43%	0.173%
40	8.356	789	794	795	rBV5	2212	4443	1.23%	0.149%
41	8.405	795	799	803	rBV	14503	31677	8.73%	1.059%
42	8.543	809	813	816	rVB5	2339	4492	1.24%	0.150%
43	8.632	819	822	824	rBV4	2441	4768	1.31%	0.159%
44	8.760	829	835	841	rVB5	11134	29183	8.05%	0.976%
45	8.977	851	857	859	rBV6	3715	10376	2.86%	0.347%
46	9.174	874	877	882	rVB8	2294	5607	1.55%	0.187%
47	9.322	889	892	893	rBV3	5919	9221	2.54%	0.308%
48	9.352	893	895	896	rBV	2829	3912	1.08%	0.131%
49	9.559	913	916	919	rBV3	9257	15747	4.34%	0.526%
50	9.628	919	923	929	rVB3	19958	50227	13.85%	1.679%
51	9.716	931	932	936	rVB3	2831	4435	1.22%	0.148%
52	9.795	936	940	943	rBV5	2779	6207	1.71%	0.207%
53	9.913	946	952	958	rBV	116477	276251	76.17%	9.235%
54	10.022	961	963	965	rBV3	3312	5884	1.62%	0.197%
55	10.120	970	973	976	rBV5	2677	5327	1.47%	0.178%
56	10.258	983	987	992	rBV5	8422	22288	6.15%	0.745%
57	10.347	992	996	1000	rVV7	2535	9081	2.50%	0.304%
58	10.574	1015	1019	1022	rBV6	1754	4909	1.35%	0.164%
59	10.643	1024	1026	1030	rVB4	3138	6454	1.78%	0.216%
60	10.741	1032	1036	1037	rBV4	4429	8562	2.36%	0.286%
61	10.820	1042	1044	1047	rVB4	4855	7964	2.20%	0.266%
62	10.879	1047	1050	1051	rBV2	4304	6245	1.72%	0.209%
63	11.077	1065	1070	1071	rBV4	2479	5860	1.62%	0.196%
64	11.215	1079	1084	1087	rVB7	4587	10306	2.84%	0.345%
65	11.303	1089	1093	1094	rVB4	3057	4110	1.13%	0.137%
66	11.451	1105	1108	1109	rVV	15640	26551	7.32%	0.888%
67	11.500	1109	1113	1119	rVV	120523	237720	65.55%	7.947%
68	11.629	1123	1126	1129	rVV4	8648	19403	5.35%	0.649%
69	11.668	1129	1130	1133	rVV3	7074	8322	2.29%	0.278%
70	11.727	1133	1136	1137	rVV3	2127	4772	1.32%	0.160%
71	11.747	1137	1138	1141	rVV3	3287	4689	1.29%	0.157%

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Instrument : MSVOA_F
ClientSampleId : TP-11-S2

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
Title : SW846 8260

72	11.796	1141	1143	1145	rVB3	5510	6863	1.89%	0.229%
73	11.885	1150	1152	1155	rVB4	4629	8665	2.39%	0.290%
74	11.934	1155	1157	1158	rBV2	3139	4740	1.31%	0.158%
75	12.062	1167	1170	1172	rVB4	2074	3849	1.06%	0.129%
76	12.200	1181	1184	1186	rVB4	2970	4458	1.23%	0.149%
77	12.269	1189	1191	1193	rVB3	4958	5835	1.61%	0.195%
78	12.348	1196	1199	1200	rBV3	4712	5324	1.47%	0.178%
79	12.516	1212	1216	1222	rVV9	7371	21324	5.88%	0.713%
80	12.614	1222	1226	1234	rVB	168397	283689	78.22%	9.483%
81	12.752	1237	1240	1243	rBV5	2230	4964	1.37%	0.166%
82	12.900	1251	1255	1257	rVB4	8082	16804	4.63%	0.562%
83	12.950	1257	1260	1262	rBV	67571	68690	18.94%	2.296%
84	13.156	1278	1281	1282	rVB3	2800	4243	1.17%	0.142%
85	13.255	1288	1291	1294	rBV5	4873	10426	2.87%	0.349%
86	13.432	1306	1309	1310	rVB3	3914	5079	1.40%	0.170%
87	13.502	1315	1316	1319	rBV3	3591	6021	1.66%	0.201%
88	13.689	1333	1335	1336	rBV2	3070	4150	1.14%	0.139%
89	13.837	1349	1350	1353	rBV3	2356	4598	1.27%	0.154%
90	13.916	1353	1358	1363	rVB8	8302	26308	7.25%	0.879%
91	14.152	1378	1382	1383	rBV3	4969	10211	2.82%	0.341%
92	14.182	1383	1385	1387	rVV3	2790	4293	1.18%	0.144%
93	14.241	1387	1391	1393	rVV3	6276	13673	3.77%	0.457%
94	14.339	1398	1401	1403	rBV3	3542	7403	2.04%	0.247%
95	14.369	1403	1404	1405	rBV	8232	5363	1.48%	0.179%
96	14.497	1414	1417	1419	rVV2	15643	30144	8.31%	1.008%
97	14.537	1419	1421	1423	rVB3	5525	7152	1.97%	0.239%
98	14.635	1428	1431	1436	rBV6	9550	20680	5.70%	0.691%
99	14.773	1442	1445	1447	rBV4	3437	6382	1.76%	0.213%
100	15.670	1534	1536	1538	rBV3	3714	6393	1.76%	0.214%

Sum of corrected areas: 2991420

LSC Report - Integrated Chromatogram

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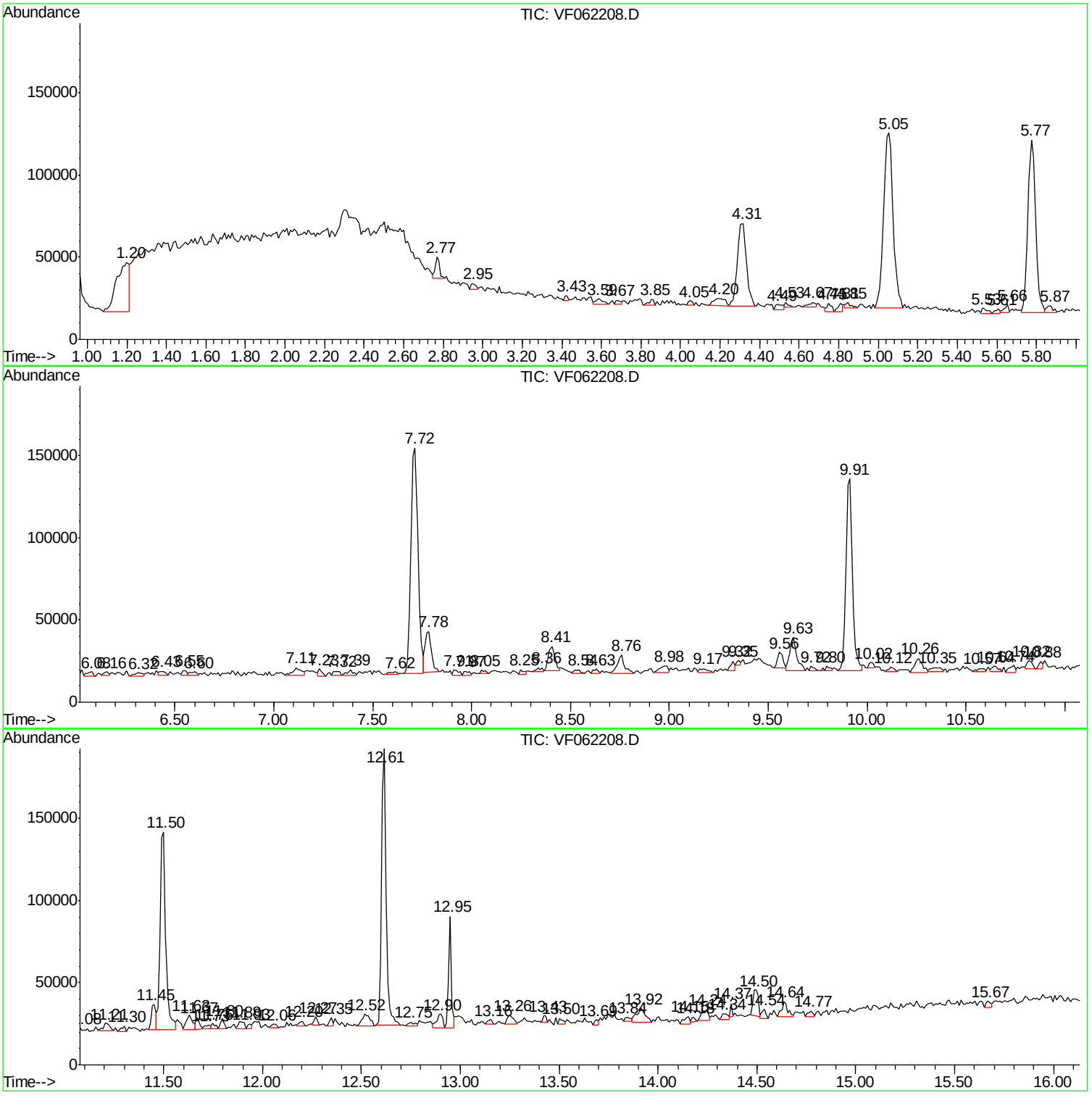
Instrument : MSVOA_F
ClientSampleId : TP-11-S2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Quant Title : SW846 8260

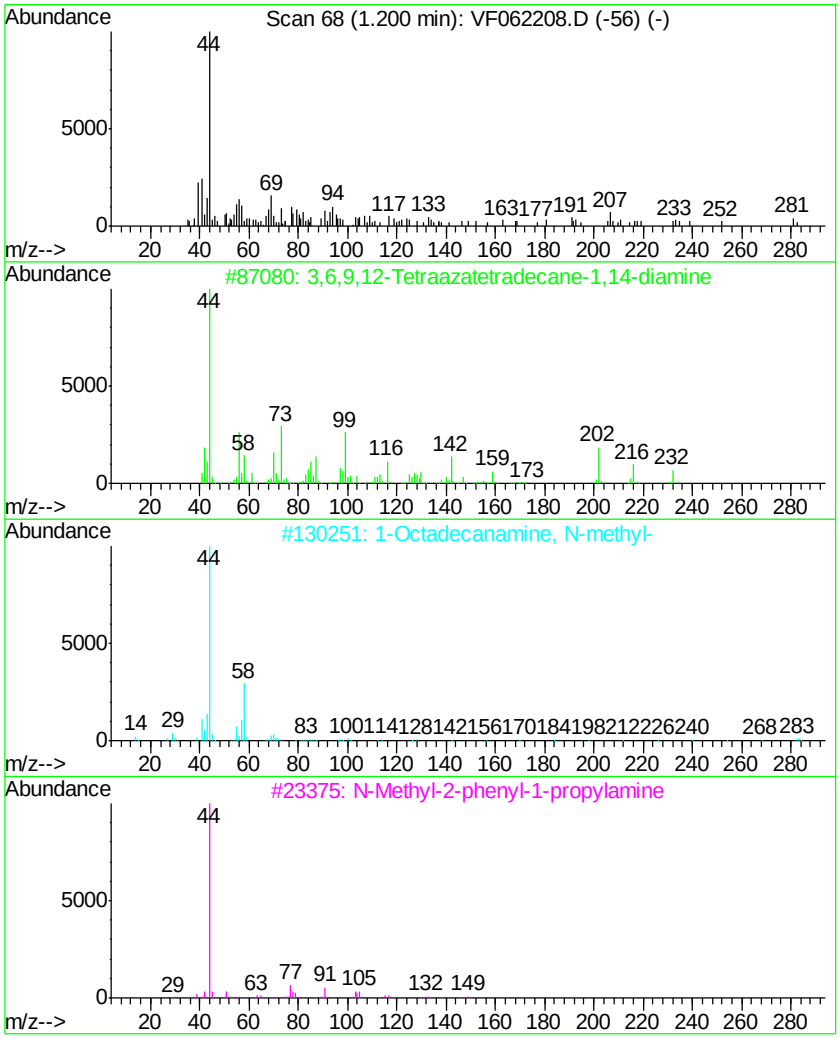
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

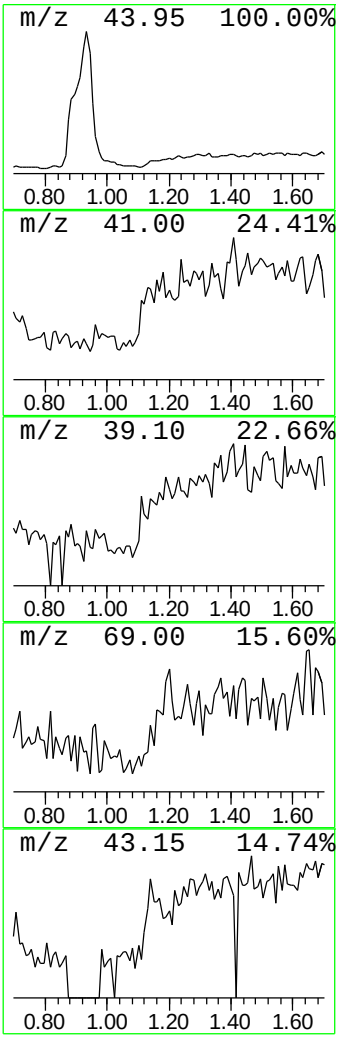
****

Peak Number 1 3,6,9,12-Tetraazatetradecan... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.20	18.05 ug/l	130894	Pentafluorobenzene	5.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12-Tetraazatetradecane-1,1...	232	C10H28N6	004067-16-7	59
2	1-Octadecanamine, N-methyl-	283	C19H41N	002439-55-6	50
3	N-Methyl-2-phenyl-1-propylamine	149	C10H15N	1000379-96-9	50
4	Benzenepropanoic acid, .alpha.-(...	193	C11H15NO2	139344-69-7	50
5	1-(3,5-Dimethyl-1-adamantanoyl)s...	265	C14H23N3O2	351327-47-4	50





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
Quant Title : SW846 8260

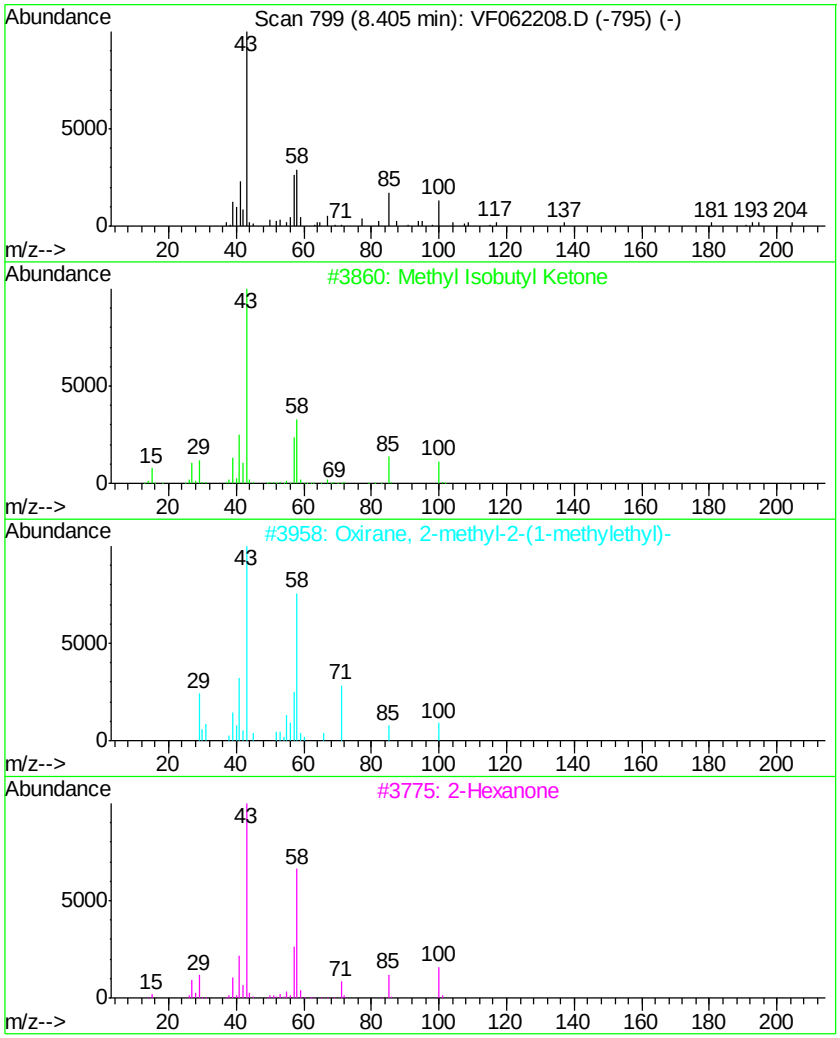
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

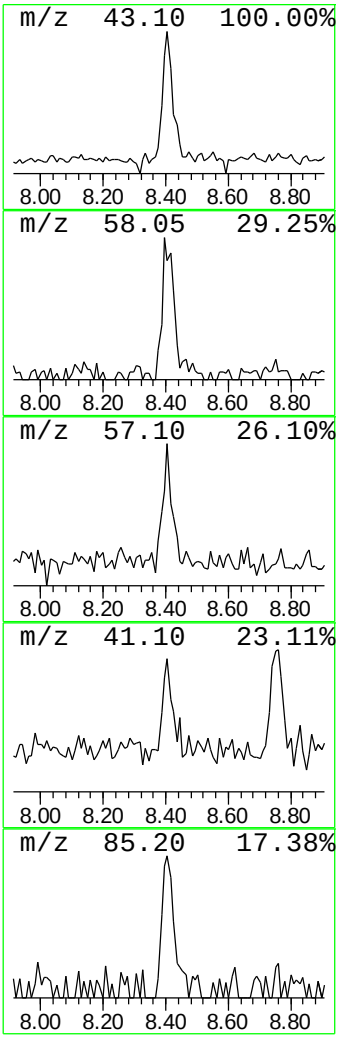
****

Peak Number 2 Methyl Isobutyl Ketone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	5.73 ug/l	31677	Chlorobenzene-d5	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	72
2	Oxirane, 2-methyl-2-(1-methyleth...	100	C6H12O	072221-03-5	59
3	2-Hexanone	100	C6H12O	000591-78-6	45
4	2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	23
5	2-Pentanone, 5-chloro-	120	C5H9ClO	005891-21-4	23





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Quant Title : SW846 8260

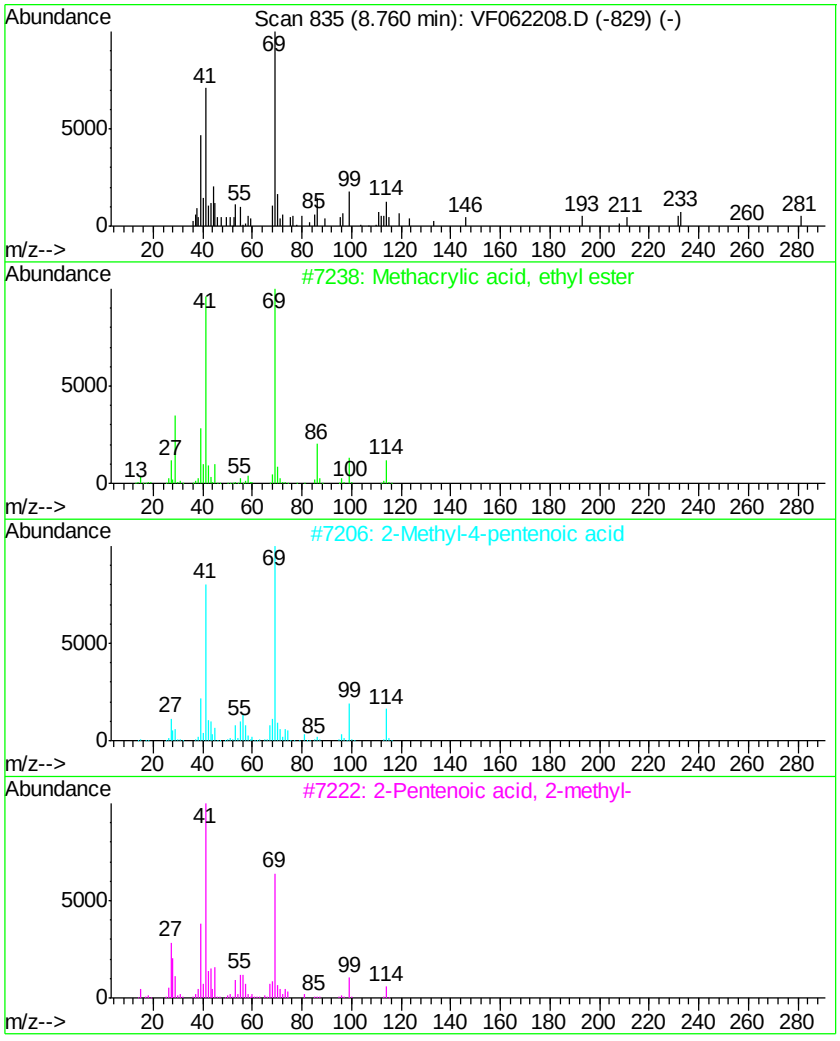
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

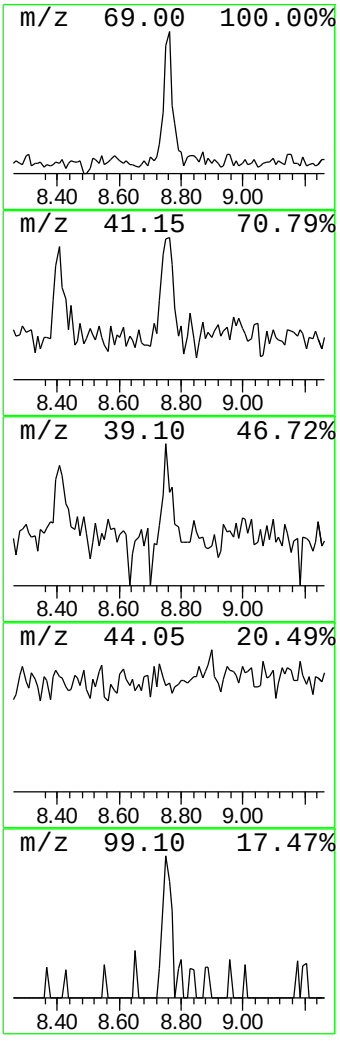
****

Peak Number 3 Methacrylic acid, ethyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	5.28 ug/l	29183	Chlorobenzene-d5	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylic acid, ethyl ester	114	C6H10O2	000097-63-2	58
2	2-Methyl-4-pentenoic acid	114	C6H10O2	001575-74-2	52
3	2-Pentenoic acid, 2-methyl-	114	C6H10O2	003142-72-1	50
4	N,N-Dimethylcyclopropanecarboxamide	113	C6H11NO	017696-23-0	50
5	3-Butenoic acid, 2,2-dimethyl-	114	C6H10O2	010276-09-2	50





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3,6,9,12-Tetraaza...	1.20	18.1	ug/l	130894	1	5.05	362659	50.0
Methyl Isobutyl K...	8.41	5.7	ug/l	31677	3	9.91	276251	50.0
Methacrylic acid,...	8.76	5.3	ug/l	29183	3	9.91	276251	50.0